**University of West Alabama**

**COE**

**5E Lesson Plan**

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| Teacher: Dr. Frederick Abernathy  Date: April 14, 2014  Subject area/course/grade level: Language/Reading Resource 6th Grade  Materials: You tube video-Mammals, Smart board, computers in lab  Standards: Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate. [W.6.7] Objectives: The students will be able to research a mammal using a kid-friendly search engine and create a test using the information they research. Differentiation Strategies: Students with Special Needs will have the opportunity to have more time to complete this activity and I will sit with them to ensure that they understand what they are supposed to do. I will also help them to type information if needed.  Students that are advanced will be invited to the class to assist the students with special needs. They will also be challenged to use all three websites to research their mammal. |

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| **ENGAGEMENT:**  The teacher will show a short You tube video of real koala bears in their habitat called Koalas in Wild Forrest. Then show another You tube video called Wild Mammals of Illinois.  Assessment |
| **EXPLORATION:**  The students will choose one of the three search engines to conduct their research. They will type in their mammal and begin navigating through the search engine. They will explore and get familiar with how the website is set up.  Input –I will walk around the room so that I can assist the student if they need help with something or if they forget how to conduct their research.   * + Modeling-I will begin with typing in their mammal in the search engine and click on various information.   + I will allow the students to go into the search engine themselves and type in their mammals and locate information they may want to use.   Assessment- I will use a checklist throughout this lesson. |
| **EXPLANATION:**  I will tell the students that they will each research a mammal. Using my smart board and projector, I will show them three kid friendly search engines they may want to use to research their mammal. I will show them how to type in the websites: [www.infoplease.com](http://www.infoplease.com), [www.kidsclick.org/](http://www.kidsclick.org/), <http://cybersleuth-kids.com/>. I will explain and show them that they just have to type in their mammal’s name and they will find plenty of information about that mammal to click on. I will type in polar bear in each website’s search engine and show them what I am explaining. As I am going through each website, I will show tell the students what things they will find out about their mammal such as: physical characteristics, habitat, diet, etc. I will tell the students which mammal they will be researching. Student will be researching some of the same animals because later the students given the same mammal will work together on a project. I will give the students a technology hand out that explains how to look up these websites and fill out their research sheet.  Assessment-I will use a checklist throughout this lesson. |
| **ELABORATION:**  I will show the students how to create a quiz/game with information from their research. They will create a quiz on [www.classtools.net](http://www.classtools.net) . The students will create a quiz about their animal. They will make questions based on their research from their research recording sheet. They will later show their quiz/game to the class.  Assessment-I will use a checklist throughout this lesson. |
| **EVALUATION:**  The students will be able to research, summarize, and record information about a mammal using a kid-friendly search engine and create a quiz with 80% accuracy.  A checklist will be used as an assessment. |

References:

Bybee, R.W. et al. (1989). *Science and technology education for the elementary years: Frameworks for curriculum and instruction.* Washington, D.C.: The National Center for Improving Instruction.

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National Research Council. (1999). *Inquiry and the national science education standards: A guide for teaching and learning.* Washington, D.C.: National Academy Press.

Polman, J.L. (2000). *Designing project-based silence: Connecting learners through guided inquiry.* New York: Teachers College Press.